



PATENT

Case Docket No. BROADRE.023CP2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Broadley, et al.
Appl. No. : 10/613976
Filed : July 2, 2003
For : REFERENCE ELECTRODE
HAVING A FLOWING LIQUID
JUNCTION AND FILTER
MEMBERS
Examiner : Unknown
Group Art Unit : 1753

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

10-30-03

(Date)

Johnfar Kerlee
Johnfar Kerlee, Reg. No. 53,111

TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

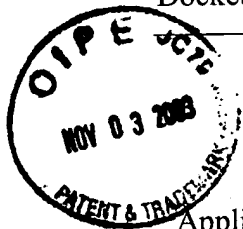
Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement.
- (X) A PTO Form 1449 listing thirty-one (31) references.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.

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**INFORMATION DISCLOSURE STATEMENT**

Applicant : Broadley, et al.
App. No. : 10/613976
Filed : July 2, 2003
For : REFERENCE ELECTRODE HAVING A FLOWING LIQUID
JUNCTION AND FILTER MEMBERS
Examiner : Unknown
Group Art Unit : 1753

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing thirty-one references that were previously disclosed to or cited by the Patent and Trademark Office in the prosecution of U.S. patent application No. 09/590781, filed June 8, 2000, which is the parent of this application, and is relied upon for an earlier filing date under 5 U.S.C. § 120. Copies of the references are not submitted pursuant to 37 C.F.R. § 1.98(d).

This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required in accordance with 37 C.F.R. § 1.97(b)(3). If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 10-30-03

By: Johnfar Kerlee

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FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
BROADRE.023CP2APPLICATION NO.
10/613976INFORMATION DISCLOSURE STATEMENT
BY APPLICANTAPPLICANT
Broadley, et al.FILING DATE
July 2, 2003GROUP
1753

(USE SEVERAL SHEETS IF NECESSARY)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	1	2,595,042	4/52	WYLLIE			
	2	3,445,368	5/20/69	DETEMPLE			
	3	3,528,904	9/70	CLIFFGARD			
	4	3,607,702	9/71	HALLER			
	5	3,756,936	9/73	NEUWELT			
	6	3,915,829	10/28/75	KREBS			
	7	3,917,523	11/4/75	STEIN, et al.			
	8	3,962,765	12/16/75	HADDAD			
	9	4,002,547	1/11/77	NETI et al.			
	10	4,012,308	3/15/77	JERROLD-JONES, et al.			
	11	4,177,126	12/4/79	IMAKI, et al.			
	12	4,366,040	12/28/82	MARSONER, et al.			
	13	4,495,052	1/22/85	BREZINSKI			
	14	4,592,824	6/3/86	GREGORY			
	15	4,592,824	6/3/86	SMITH, et al.			
	16	4,818,366	4/89	YONCO, et al.			
	17	5,360,529	11/1/94	EDWARDS, et al.			
	18	5,397,452	3/14/95	BUCK, et al.			
	19	5,632,876	5/23/97	ZANZUCCHIIH, et al			
	20	6,165,336	12/00	MAKI, et al.			

FOREIGN PATENT DOCUMENTS

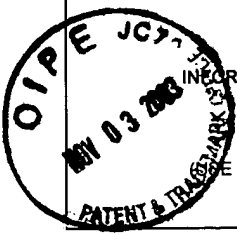
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	21	WO 99/63334 A1	12/9/99	EPO				
	22	JP 10104193-A2	4/24/98	JAPAN			X	
	23	JP 11258197-A2	9/24/99	JAPAN			X	
	24	FR 25414624	8/24/84	FRANCE				

EXAMINER

DATE CONSIDERED

*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. BROADRE.023CP2	APPLICATION NO. 10/613976
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (SEE SEVERAL SHEETS IF NECESSARY)		
APPLICANT Broadley, et al.		
FILING DATE July 2, 2003		GROUP 1753



EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
	25 Brezinski, Donald, <i>Kinetic, static and stirring errors of liquid junction reference electrodes</i> , Corning Glass Works, April 1983: Vol. 108, No. 1285, pp 425-442
	26 Covington, et al., <i>Improvements in the precision of pH measurements a laboratory reference electrode with renewable free-diffusion liquid junction</i> . Analytica Chemical Acta, 169 (1985) 221-229.
	27 Dohner, et al., <i>Reference electrode with free-flowing free-diffusion liquid junction</i> , Analytical Chemistry, Vo. 68, No.12 (1986) pp. 2585-2589.
	28 Illingworth, John, <i>A common source of error in pH measurements</i> Biochem. J. (1981) 195, 259-262
	29 Nishizawa, M. et al., <i>Metal nanotubule membranes with electrochemically switchable ion-transport selectivity</i> ; Science, American Assoc. for the Advancement of Science, 268, 700-702 (1995)
	30 Peters, G., <i>A Reference Electrode with free-diffusion liquid junction for electrochemical measurements under changing pressure conditions</i> ; Analytical Chemistry, US American Chemical Society: 69:13 2362-2366 (1997)
	31 Suzuki, et al., <i>Microfabricated Liquid Junction Ag/AgCl Reference Electrode and Its Application to a One-Chip Potentiometric Sensor</i> , Anal. Chem. Vol. 71, no. 22, pp. 5069-5075, (1999)

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*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	